

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: D. Brian Ballard

GENERAL INFORMATION:

Name:	Pittsburg Tank & Tower Co., Inc.
Address:	1 Water Tank Place, Henderson, KY
Date application received:	June 28, 2005
SIC/Source description:	3490, Steel Fabrication Products
Source ID #:	21-101-00132
Source A.I. #:	1829
Activity #:	APE20050002
Permit number:	F-05-043

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM ₁₀	0.126	1.15	N/A
VOC	31.7	127.0	90.0
Single HAPs			
Ethyl Benzene (CAS No. 100-41-4)	3.16	22.3	9.0
Methyl Ethyl Ketone (CAS No. 78-93-3)	2.70	27.4	9.0
Methylene Diphenyl Diisocyanate (CAS No. 101-68-8)	0.52	23.7	0.70
Toluene (CAS No. 108-88-3)	0.59	13.5	9.0
Xylene (CAS No. 1330-20-7)	6.04	89.8	9.0
Source wide HAPs	18.4	176.7	22.5

SOURCE DESCRIPTION:

See Statement of Basis

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The facility will be subject to emission caps of ninety (90.0) tons per year for VOC, nine (9) tons per year for single HAP and twenty-two and a half (22.5) tons per year for combined HAPS. These emission caps will preclude the applicability of the following regulations: 401 KAR 59:225, New miscellaneous metal parts and product surface coating operations and 40 CFR 63, Subpart Mmmm, National Emission Standards for Miscellaneous Metal Parts and Products Surface Coating Operations. The source will be subject to an emission cap of 0.70 tons (1,402 lb) per year for methylene diphenyl diisocyanate (CAS No. 101-68-8) in order to demonstrate compliance with 401 KAR 63:020, potentially hazardous matter and toxic substances.